Serial No.

(Use several sheets if necessary) PTO-1449 (modified) ANO 6277 US1 / 3166 DIV

INFORMATION DISCLOSURE CITATION

10/676,335

Applicant Solhage, F. et al.

Filing Date

Atty. Docket #

Group Art Unit

| (A) | MAGAMARIA . | | October 1, 200 | | | | |
|--------|-----------------|---------------|-----------------------------------|--------------|-------|----------|-------------|
| U.S. P | ATENT DOCUMENTS | [continued of | on page 2] | | | | |
| Init | Document Number | | | Name | | Subclass | Filing Date |
| (Re | 2,876,217 | 03-1959 | Paschall | | 260 | 233.3 | |
| | 3,422,087 | 01-1969 | Caesar | 260 | | 233.3 | |
| | 4,070,236 | 01-1978 | Carrard et | al. | 162 | 164 R | |
| | 4,388,150 | 06-1983 | Sunden et | al. | 162 | 175 | |
| T | 4,687,519 | 08-1987 | Trzasko et | al. | 106 | 211 | |
| | 4,755,259 | 07-1988 | Larsson | | 162 | 178 | |
| | 4,785,087 | 11-1988 | Stober et a | 1. | 536 | 111 | |
| | 4,927,498 | 05-1990 | Rushmere | | 162 | 168 | |
| T | 4,954,220 | 09-1990 | Rushmere | | 162 | 168.3 | |
| T | 4,961,825 | 10-1990 | Andersson | et al. | 162 | 175 | |
| | 4,980,025 | 12-1990 | Andersson | et al. | 162 | 168.3 | |
| | 4,981,958 | 01-1991 | Stober et a | l. , | 536 | 45 | |
| | 5,116,967 | 05-1992 | Fischer et al. | | 536 | 50 | |
| | 5,127,994 | 07-1992 | Johansson | | 162 | 168 | |
| | 5,129,989 | 07-1992 | Gosset et a | al. | 162 | 147 | |
| T | 5,176,891 | 01-1993 | Rushmere | 4 | 423 | 328.1 | |
| | 5,277,764 | 01-1994 | Johansson | et al. | 162 · | 175 | |
| | 5,368,833 | 11-1994 | Johansson | et al. | 423 | 338 | |
| | 5,447,604 | 09-1995 | Johansson | et al. | 162 | 181.6 | |
| 1 | 5,463,127 | 10-1995 | Deavenpor | t et al. | 564 | 292 | |
| | 5,470,435 | 11-1995 | Rushmere | et al. | 162 | 181.6 | |
| | 5,538,596 | 07-1996 | Satterfield | et al. | 162 | 164.5 | |
| | 5,543,014 | 08-1996 | Rushmere | et al. | 162 | 181.6 | |
| | 5,571,494 | 11-1996 | Saastamoi | nen | 423 | 338 | |
| | 5,573,674 | 11-1996 | Lind et al. | | 210 | 702 | |
| | 5,584,966 | 12-1996 | Moffett | | 162 | 168.1 | |
| | 5,603,805 | 02-1997 | Andersson | et al. | 162 | 168.3 | |
| 1 | 5,607,552 | 03-1997 | Andersson et al. Johansson et al. | | 162 | 181.6 | |
| | 5,643,414 | 07-1997 | | | 162 | 164.6 | |
| | 5,688,482 | 11-1997 | Saastamoinen | | 423 | 335 | 1 |
| | 5,707,493 | 01-1998 | Saastamoi | nen | 162 | 164.1 | |
| | 5,733,414 | 03-1998 | Stockwell | | 162 | 164.5 | |
| | 5,755,930 | 05-1998 | Satterfield et al. | | 162 | 164.1 | 1 |
| | 5,827,372 | 10-1998 | Bhirud et a | | 127 | 71 | |
| MAXE | INER Gener R | Cady | / DA | TE CONSIDERE | D G | 1/1/2005 | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO-1449 (modified) | | | | Atty. Docket | | | Serial No. 10/676,335 | | | |
|--|------------------------|---------------|------------------------|------------------------------|------------|----------------|--------------------------|-------------|--|--|
| P10-1449 (modified) PE | | | | } | | 14 10/070,3 | | | | |
| JAN 0 2 2004 W | | | | Applicant Solhage, F. et al. | | | | | | |
| | | | | Filing Date | Group A | Group Art Unit | | | | |
| | | ART CT | October 1, 20 | 003 | | | | | | |
| U.S. P | ATENT DOCUMENTS | TRADE! | | | | | | | | |
| Init | Document Number | Date | N | lame | Class | Subclass | Filing | Filing Date | | |
| DRI | 5,858,174 | 01-1999 | Persson et | al. | 162 | 164.1 | 1 | | | |
| | 6,033,524 | 03-2000 | Pruszynski | et al. | 162 | 165 | | | | |
| | 6,103,885 | 08-2000 | Batelaan et | al. | 536 | 18.7 | | | | |
| FOREI | GN PATENT DOCUM | ENTS [contin | ued on pag | e 3] | | • | | | | |
| | Document Number | Publ. Date | Country | | Class | Subclass | Trans | Translation | | |
| | | | | | | | Yes | No | | |
| BRU | 041 056 B1 | 12-1981 | European f | Patent Office | D21D | 3/00 | | | | |
| | 189 935 A2 | 08-1986 | European f | Patent Office | C08B | 11/193 | | | | |
| | 303 039 B1 | 02-1989 | European Patent Office | | C08B | 31/12 | | X | | |
| | 400 361 B1 | 12-1990 | European Patent Office | | C08B | 31/12 | | X | | |
| | 500 770 B1 | 09-1992 | European Patent Office | | D21H | 21/10 | | | | |
| . / | 603 727 B1 | 06-1994 | European F | Patent Office | D21H | 17/28 | | | | |
| | 693 146 B1 | 01-1996 | European I | Patent Office | D21H | 17/53 | | | | |
| | 695 385 B1 | 02-1996 | European I | Patent Office | D21H | 17/48 | | | | |
| | 702 697 B2 | 03-1996 | European Patent Office | | C08B | 11/15 | | | | |
| | 737 210 B2 | 10-1996 | European I | Patent Office | C08B | 31/00 | | | | |
| | 752 496 B1 | 01-1997 | European I | Patent Office | D21H | 23/04 | | | | |
| | 874 000 A2 & A3 | 10-1998 | European I | Patent Office | C08B | 37/00 | | X | | |
| | 1 080 271 B1 | 03-2001 | European I | Patent Office | D21H | 23/04 | | | | |
| | 1 080 272 B1 | 03-2001 | European I | Patent Office | D21H | 23/08 | | | | |
| | 1 090 054 B1 | 04-2001 | European I | Patent Office | C08G | 18/08 | | | | |
| | WO 94/05596 A1 | 03-1994 | PCT Intern | ational | C01B | 33/143 | | | | |
| | WO 94/24169 A1 | 10-1994 | PCT Intern | ational | C08B | 11/15 | | | | |
| | WO 95/21295 A1 | 08-1995 | PCT Intern | ational | D21H | 17/48 | | | | |
| d | WO 95/21296 A1 | 08-1995 | PCT Intern | ational | D21H | 17/53 | | | | |
| OTHE | R DOCUMENTS (Incl | uding Author, | Title, Date, | Pertinent Pag | jes, etc.) | [continued | on page | 3] | | |
| Derwent Abstract No. 012127697 abstracting EP 874 000. | | | | | | | | | | |
| Derwent Abstract No. 1987:578519 abstracting JP62149702. | | | | | | | | | | |
| English language translation of Japanese Laid-Open No. 1987-149702; laid-open date July 3, 1987. | | | | | | | | | | |
| | | | | | | | | | | |
| EXAMINER (DATE CONSIDERED 9/1/2005 | | | | | | | | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO-1449 (modified) JAN 0 2 2004 | | | | Atty. Docket # | | | Serial No. | | | |
|--------|---|---------------|------------|------|--------------------------------|------------|-------|---------------------------------------|-------------|------|--|
| | | | | | ANO 6277 US1 | 10/676,335 | | | | | |
| | | | | | Applicant Solhage, F. et al. | | | | | | |
| | | | | | Filing Date October 1, 2003 | | | Group Art Unit | | | |
| U.S. F | PATENT DOCUMENTS | | | | | | | | | | |
| Init | Document Number Date | | 1 | Name | | Class | | Subclass | Filing Date | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | · | | | | ļ | | | | |
| | | | | | | | | | | | |
| | | | | | | | - | | | | |
| | | | | | | | | | | | |
| FORE | FOREIGN PATENT DOCUMENTS | | | | | | | | | | |
| | Document Number | Publ. Date | Co | | untry | Class | | Subclass | Translation | | |
| | | | | | | | | | Yes | No | |
| PRI | WO 99/55964 A1 | 11-1999 | PCT Intern | | tional | D21H | 23/04 | | | | |
| 1 | WO 99/55965 A1 | 11-1999 | PCT Intern | | | D21H | - | 3/08 | | | |
| (. | WO 99/67310 A1 | 12-1999 | PCT Intern | | tional | C08G | 18 | 3/08 | | | |
| | WO 00/49227 A1 | 08-2000 | PCT Intern | | tional | D21H | 21 | /10 | | | |
| | WO 02/12626 A1 | 02-2002 | PCT Intern | | tional | D21H | 23 | 3/76 | | | |
| | | | | | | | | | | | |
| | | | | | | | L | · · · · · · · · · · · · · · · · · · · | | | |
| OTUE | D DOCUMENTS (Incl | l Author | Title Dete | _ | D-4:4 D | | L_ | | | | |
| OTHE | R DOCUMENTS (Incl | | | | - | • | | | | | |
| RO | Patel, S. P. et al., "Synthesis and Characterization of Quaternary Ammonium Compounds of Guar Gum and Hydroxyethyl Guar Gum," Starch/Stärke, Vol. 41, No. 5 (1989) pp. 192-196. | | | | | | | | | | |
| OR | Iler, R. K., et al., "Degree of Hydration of Particles of Colloidal Silica in Aqueous Solution," J. Phys. Chem., Volume 60 (1956), pp. 955-957. | | | | | | | | | hys. | |
| OR | Sears, Jr., G. W., "Determination of Specific Surface Area of Colloidal Silica by Titration with Sodium Hydroxide," Analytical Chem., Vol. 28, No. 12 (1956), pp. 1981-1983. | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| EXAM | EXAMINER Janua Gelian DATE CONSIDERED 9/1/2005 | | | | | | | | | | |
| | naucu | -way | | • • | | / | | 1 pro | <u> </u> | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.